

Natural Resources Conservation Service

Application Ranking Summary

Irrigation

Program:	Ranking Date:	Application Number:
Ranking Tool: Irrigation	Applicant:	
Final Ranking Score:	Address:	
Planner:	Telephone:	
Farm Location:		

National Priorities Addressed

Issue Questions	Responses
If the application is for development of a Conservation Activity Plan (CAP), the agency will assign significant ranking priority and conservation benefit by answering "Yes" to the following question. Answering "Yes" to question 1a will result in the application being awarded the maximum amount of points that can be earned for the national priority category.	
1. a. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other national level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
Water Quality Degradation – Will the proposed project improve water quality by: (select all that apply)	
2. a. Implementing the practices in a Comprehensive Nutrient Management Plan (CNMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. b. Implementing the practices in a Nutrient Management Plan (NMP)?	Yes <input type="radio"/> or No <input type="radio"/>
2. c. Reducing impacts from sediment, nutrients, salinity, or pesticides on land adjoining a designated "impaired water body" (TMDL, 303d listed waterbody, or other State designation)?	Yes <input type="radio"/> or No <input type="radio"/>
2. d. Reducing the impacts from sediment, nutrients, salinity, or pesticides in a "non-impaired water body"?	Yes <input type="radio"/> or No <input type="radio"/>
2. e. Implementing practices that improve water quality through animal mortality and carcass management?	Yes <input type="radio"/> or No <input type="radio"/>
Water Conservation – Will the proposed project conserve water by: (select all that apply)	
3. a. Implementing irrigation practices that reduce aquifer overdraft.	Yes <input type="radio"/> or No <input type="radio"/>
3. b. Implementing irrigation practices that reduce on-farm water use?	Yes <input type="radio"/> or No <input type="radio"/>
3. c. Implementing practices in an area where the applicant participates in a geographically established or watershed-wide project?	Yes <input type="radio"/> or No <input type="radio"/>
3. d. Implementing practices that reduce on-farm water use as a result of changing to crops with lower water consumptive use, the rotation of crops, or the modification of cultural operations?	Yes <input type="radio"/> or No <input type="radio"/>
Air Quality - Will the proposed project improve air quality by: (select all that apply)	
4. a. Meeting on-farm regulatory requirements relating to air quality or proactively avoid the need for regulatory measures?	Yes <input type="radio"/> or No <input type="radio"/>
4. b. Implementing practices that reduce on-farm emissions of particulate matter (PM2.5, PM10)?	Yes <input type="radio"/> or No <input type="radio"/>
4. c. Implementing practices that reduce on-farm generated greenhouse gases such as carbon dioxide (CO2), methane (CH4), and nitrous oxide (N2O)?	Yes <input type="radio"/> or No <input type="radio"/>
4. d. Implementing practices that increase on-farm carbon sequestration?	Yes <input type="radio"/> or No <input type="radio"/>
Soil Health:– Will the proposed project improve soil health by: (select all that apply)	
5. a. Reduce erosion to tolerable limits (Soil "T")?	Yes <input type="radio"/> or No <input type="radio"/>
5. b. Increasing organic matter and carbon content, and improving soil tilth and structure?	Yes <input type="radio"/> or No <input type="radio"/>
Wildlife Habitat – Will the proposed project improve wildlife habitat by: (select all that apply)	
6. a. Implementing practices benefitting threatened and endangered, at-risk, candidate, or species of concern.	Yes <input type="radio"/> or No <input type="radio"/>
6. b. Implementing practices that retain wildlife and plant habitat on land exiting the Conservation	Yes <input type="radio"/> or No <input type="radio"/>

Reserve Program (CRP) or other set-aside program?	
6. c. Implementing practices benefitting honey bee populations or other pollinators?	Yes <input type="radio"/> or No <input type="radio"/>
6. d. Implementing land-based practices that improve habitat for aquatic wildlife?	Yes <input type="radio"/> or No <input type="radio"/>
Plant and Animal Communities: Will the proposed project improve plant and animal communities by: (select all that apply)	
7. a. Implementing practices that result in the management control of noxious or invasive plant species on non-cropland?	Yes <input type="radio"/> or No <input type="radio"/>
7. b. Implementing practice in an Integrated Pest Management Plan (IPM)?	Yes <input type="radio"/> or No <input type="radio"/>
Energy Conservation– Will the proposed project reduce energy use by: (select all that apply)	
8. a. Reducing on-farm energy consumption?	Yes <input type="radio"/> or No <input type="radio"/>
8. b. Implementing practice(s) identified in an approved AgEMP or energy audit, which meet ASABE S612 criteria?	Yes <input type="radio"/> or No <input type="radio"/>
Business Lines – Will the practices to be scheduled in the “EQIP Plan of Operations” result in:	
9. a. Enhancement of existing conservation practice(s) or conservation systems already in place at the time the application is received?	Yes <input type="radio"/> or No <input type="radio"/>

State Issues Addressed

Issue Questions	Responses
1. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is “Yes”, do not answer any other state level questions. If answer is “No”, proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
2. Does the application acreage lie within ¼ mile from a Section 303(d) or “Save our Lakes” listed waterbody, or lie within a wellhead protection area?	Yes <input type="radio"/> or No <input type="radio"/>
3. Does the application include the conversion of flood irrigation system to a sprinkler system where the corners will not be irrigated?	Yes <input type="radio"/> or No <input type="radio"/>
What level of Irrigation Water Management be contracted? Choose only one of the following 4, 5 or 6.	
4. Advanced Irrigation Water Management	Yes <input type="radio"/> or No <input type="radio"/>
5. Intermediate Water Management	Yes <input type="radio"/> or No <input type="radio"/>
6. Basic Water Management	Yes <input type="radio"/> or No <input type="radio"/>
The NRCS Farm Irrigation Rating Index version 2015.1.01 will be utilized to estimate water savings of the overall project. Based on the results, Choose only one of the following questions, either 7, 8, 9, or 10	
7. Will the application provide for greater than 50 ac-ft. of average annual water savings from the original system?	Yes <input type="radio"/> or No <input type="radio"/>
8. Will the application provide for over 30 ac-ft. and less than or equal to 50 ac-ft. of average annual water savings from the original system?	Yes <input type="radio"/> or No <input type="radio"/>
9. Will the application provide for over 10 ac-ft. and less than or equal to 30 ac-ft. of average annual water savings from the original system?	Yes <input type="radio"/> or No <input type="radio"/>
10. Will the application provide for less than or equal to 10 ac-ft. average annual water savings from the original system?	Yes <input type="radio"/> or No <input type="radio"/>
Energy savings for high pressure to low pressure nozzle conversions will be estimate utilizing the “Irrigation Energy Savings Calculator”. Energy savings for VFD installation will be estimated using the “VFD Economic Calculator”. Other types of energy related savings may require an individual engineer estimate. In either case, include any reduced pumping costs due to lower water usage of the overall system in the computations. Choose only one of the following questions, either 11, 12, 13, 14 or 15.	
11. Will the application provide for an energy savings at the pump of greater than 40% over an average irrigation season?	Yes <input type="radio"/> or No <input type="radio"/>
12. Will the application provide for an energy savings at the pump of 30% to 40% over the irrigation season?	Yes <input type="radio"/> or No <input type="radio"/>
13. Will the application provide for an energy savings at the pump of 20% to 30% over the irrigation season?	Yes <input type="radio"/> or No <input type="radio"/>
14. Will the application provide for an energy savings at the pump of 10% to 20%?	Yes <input type="radio"/> or No <input type="radio"/>

15. Will the application provide for an energy savings at the pump of less than 10%?	Yes <input type="radio"/> or No <input type="radio"/>
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Local Issues Addressed

Issue Questions	Responses
1. Is the program application to support the development of a Conservation Activity Plan (CAP)? If answer is "Yes", do not answer any other local level questions. If answer is "No", proceed with evaluation to address the remaining questions in this section.	Yes <input type="radio"/> or No <input type="radio"/>
2. Will Soil Salinity Management be implemented?	Yes <input type="radio"/> or No <input type="radio"/>
3. Does the application provide financial assistance for the conversion of flood irrigation system to a sprinkler?	Yes <input type="radio"/> or No <input type="radio"/>
4. Will the end guns be removed (on high to low conversions) or on new pivots will end guns not be installed?	Yes <input type="radio"/> or No <input type="radio"/>
5. Does the application include measures to reduce nutrient deliver from deep percolation where water tables are within 20 feet of ground surface during the irrigation season?	Yes <input type="radio"/> or No <input type="radio"/>

Land Use:

Resource Concerns	Practices
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Ranking Score

Efficiency: Local Issues: State Issues: National Issues: Final Ranking Score:
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This ranking report is for your information. It does not in any way guarantee funding. When funding becomes available, you will be notified if your application is selected for funding. Some changes to the application may be required before a final contract is awarded.

Notes:

NRCS Representative: Signature Date:	Applicant Signature Not Required on this report for Contract Development unless required by State policy: Signature Date:
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